



**Education Foundation**

**Today**

*Invest in* **Tomorrow's  
Engineers**



# NeSPEEF

## Education Foundation

The **Nebraska Society of Professional Engineers Education Foundation (NeSPEEF)** includes men and women from all walks of life, ethnic cultures and engineering disciplines who have made a commitment towards improving the lives of people of all ages, through our engineering profession. As the non-profit foundation of the Nebraska Society of Professional Engineers, the mission of NeSPEEF is:

- to provide benefit to the public by funding educational activities aimed towards engineering education;
- to encourage students in elementary, secondary and post-secondary education to enter into the engineering profession;
- to advance the quality of engineering professionals; and expand the public awareness, understanding and appreciation of the role of engineers in improving the quality of life.



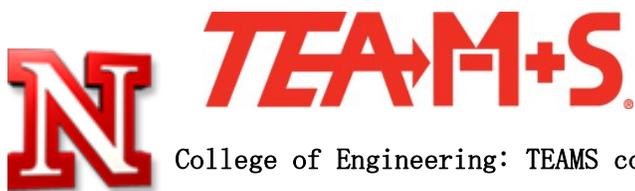
In order to continue and strengthen this commitment, the leadership of the Education Foundation is seeking your support as we position the foundation for future growth and development. You are encouraged to become a partner in this venture and to give the Foundation your support.

### Programs

The Education Foundation currently supports **four major activities** aimed at preparing today's students for tomorrow's engineering careers. Our programs promote the engineering profession, pre-engineering curricula and/or engineering minded hobbies at elementary or secondary education levels.

**1. Nebraska state MATHCOUNTS program** has been the flagship program for the Education Foundation.

# MATHCOUNTS®



**3. Scholarships** The Education Foundation funds scholarships for High school seniors entering university engineering programs in Nebraska. A scholarship is also awarded to the state **MATHCOUNTS** Champion through the University of Nebraska.

**2. TEAMS** (Tests of Engineering Aptitude, Mathematics and Science) for students in middle and high school that allows them to apply their knowledge of skills in science, technology, engineering and mathematics. Engaging in the challenges requires critical job-readiness skills such as teamwork, analytical thinking, and multi-dimensional problem solving. In association with the University of Nebraska at Lincoln.

### 4. The Annual Model Bridge Contest

Costs for these programs are \$20,000 per year. Half of the program costs are funded from current investment proceeds and other revenue sources. Through the efficient volunteer efforts of NeSPE Education Foundation, administrative and fundraising expenses for the Foundation under 5%.



# NeSPEEF

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### ***ENGINEERS NEEDED***

#### **The Need**

In more recent years we have fortunately observed a slight increase in enrollment in engineering programs. This is good news, however we must remain vigilant on promoting the engineering profession. To support STEM (Science, Technology, Engineering, and Mathematics ) we believe a key focus group is the elementary and secondary education levels, where our Foundation programs are concentrated.

The demand for infrastructure improvements, nationwide upgrades to our transportation systems, energy systems and distribution grids, and rapidly changing technologies will create high demands for engineers of all disciplines. Therefore, we need to focus on areas that will produce more engineers in the near future.

According to the Engineering Workforce Commission as presented in the Fall of 2010, "in 2005, the number of bachelor degrees leveled off at 76,003. Based on the recent increase in freshman enrollment, we predict that total full-time undergraduate enrollments will continue to climb and bachelor degrees will continue to set records. Master's candidates in engineering went up for the fifth year in a row and PhD enrollment continued its six year climb".

#### **A pledge or contribution to the Education Foundation.**

Your pledges and contributions directly support valuable programs including the Nebraska state MATHCOUNTS competition, annual scholarships, the TEAMS and Junior Engineering Technical Society (JETS) programs, the annual model bridge contest and for Student Chapter support. Your pledges and contributions continue to promote the engineering profession for both prospective and practicing Engineers.

<u>Type of Gift</u>	<u>Advantages to the Donor</u>
Gift of Cash	Immediate tax savings
Wills or Bequests	Does not affect current assets. Estate tax savings
Life Insurance	Significant gift with modest investment. Income tax deduction for current value and/ cost of premiums
Gift of Real Estate	Immediate tax savings and continue to live in your home
Gift of Appreciated Securities	Income tax deduction and capital gains tax savings
Retirement Plan Assets	Income and estate tax savings
Bequest of IRA or Pay-on-Death (POD) accounts	



#### **An Everlasting Inspiration**

*"Our dream has come true ... our work will live after us. We are building not for ourselves, but for posterity ... For those of us who have known the struggles and the hardships of engineering in the lean and difficult years there is deep satisfaction in knowing that we have done our part in making engineering a finer, nobler, and more satisfying profession for those who come after us."*

D.B. Steinman, NSPE Founder

## **A Proposal**

Your gifts ensure the future of the programs and services funded by the NeSPE Education Foundation. Thoughtfully provided gifts demonstrate the strong relationship between the Foundation and its most enduring supporters. In addition to the personal satisfaction you will receive from supporting the organization dedicated to the advancement of engineering, you will benefit by the tax advantages some gifts can provide.

The leadership of the NeSPE Education Foundation and the Nebraska Society of Professional Engineers respectfully requests that you consider a major and significant gift.

### **Core Beliefs**

Engineering is the foundation of our every day lives  
Engineers play a vital role in ensuring the public's well-being  
Engineering is a distinguished profession  
Engineers improve the quality of life  
Engineering is a viable and rewarding career  
Engineers are leaders

The Education Foundation is a nonprofit public benefit foundation created by the Nebraska Society of Professional Engineers under the Nebraska Nonprofit Corporation Laws as a 501(C)(3) organization.

For estate planning purposes, our legal name is:

**Nebraska Society of Professional Engineers Education Foundation**

